

AC 4467
1915.

W. D. AL RESEARCH COUNCIL
LIBRARY.

No. 20277



CITY & COUNTY OF KINGSTON UPON HULL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

J. WRIGHT MASON, M.B., C.M., D.P.H., M.R.C.S.E.,
MEDICAL OFFICER OF HEALTH.

1915.



CITY & COUNTY OF KINGSTON UPON HULL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

J. WRIGHT MASON, M.B., C.M., D.P.H., M.R.C.S.E.,
MEDICAL OFFICER OF HEALTH.



Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

<https://archive.org/details/b29752887>

INDEX.

	PAGE.
Area of City	1
Assessable Value of City	1
Births	1
Births in Hull for past ten years	2
Births, illegitimate	1
Cowsheds and Dairies	19
Deaths	1, 5
Deaths of illegitimate infants	7
Density of population	1
Destructors	28
Disinfecting Station,	28
Dispensaries, Tuberculosis	16
Dry dust collection	28
Factories	27
Fertilisers and Feeding Stuffs Act, samples taken under	28
Food Inspection	18
Hospitals, cases treated in	12, 13, 14
Houses, closed	20
.. .. . number of in City	1
Illegitimate births	1
Infantile Mortality	1, 6, 7
Infectious diseases notified	11
Marriages	1
Marriage rate	1
Milwyles Act, 1902, administration of	21
Mortuary, bodies admitted to	28
Nightsoil collection	28
Notification of Births Act, 1907	22
Ophthalmia Neonatorum	22
Persons bathed	28
Persons per house, number of	1
Premises—articles and books disinfected	28
Public Baths	28
Puerperal Fever—cases classified	22
Pulmonary Tuberculosis	15, 16, 17
Sale of Foods and Drugs Act, samples taken under	26

SUMMARY OF STATISTICS.

	1915.	1914.
Area of City	9359 acres.	9359 acres.
Height above sea (ordnance datum)	12 feet.	12 feet.
Population (estimated, 1914)	291,118	291,118
Do. (civilian, estimated 1915)	269,530	—
Density	31·1 persons per acre.	31·1 persons per acre.
No. of Houses (estimated)	66,152	65,854
No. of persons per house ..	4·4	4·4
No. of Marriages	3,132	2,703
Marriage Rate	23·6	18·5
No. of Births	7,230 (3715 m., 3515 f.)	7,902 (4086 m., 3816 f.)
BIRTH RATE	24·8	27·1
No. of Deaths	4,494 (2358 m., 2136 f.)	4,366 (2329 m., 2037 f.)
Illegitimate Births	331	361
Do. Birth-rate	1·1	1·2
DEATH RATE	16·7	15·0
Infantile Mortality	867 deaths under 1 year, or 120 per 1,000 births.	960 deaths under 1 year, or 121 per 1,000 births.
No. of Zymotic Deaths ..	450	499
Zymotic Death Rate ..	1·60	1·71
Diarrhœa Death Rate ..	1·0	0·89
Assessable Value	£1,321,916	£1,309,992
Produce of Id. Borough Rate	£5,096 16s. 0d.	£5,057 16s. 0d.

NOTE. — In accordance with the suggestion of the Registrar General, the birth-rate is based on the estimated population (291,118) for 1914, and the death-rates on an estimated civil population (269,530) for 1915. The deaths of all soldiers are excluded from these returns.

City and County of Kingston upon Hull.

REPORT.

VITAL STATISTICS.

Births.

The returns of the local registrars recorded 7,230 births within the City, equal to a rate of 24·8 per thousand of the population, as against 27·1 in the preceding year. The average birth rate for the previous five years (1910-14) was 26·0.

Of the total births 3,715 were males and 3,515 were females.

The number of illegitimate births was 331, equal to a rate of 1·1 per 1000, as against 1·2 in 1914.

The subjoined figures shew the number of births and the birth rates for the last ten years:—

Year.	No. of Births.	Birth Rate.
1906	7806	30·0
1907	7680	29·1
1908	8167	30·5
1909	8037	29·6
1910	8014	29·1
1911	7949	28·5
1912	7834	27·7
1913	7904	27·5
1914	7902	27·1
1915	7230	24·8

The excess of births over deaths, representing the natural increase of the population, was 2,736, as against 3,536 in 1914. The average for the previous ten years was 3,519.

CAUSES OF, AND AGES AT, DEATH IN LOCALITIES, &c.

CAUSES OF DEATH.										Net Deaths at the subjoined ages of "Residents" whether occurring within or without the District.										Net Deaths of "Residents" whether occurring within or without the District.														Total Deaths in Public Institutions in the District.
		All ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.	Drypool.	Alexandra.	South-coates.	Beveley.	East Central.	West Central.	Paragon.	Park.	Newland.	White-friars.	Myton.	Botanic.	Albert.	Coltman.	South Newington.	North Newington.								
All Causes	(Certified	4470	853	258	200	206	178	561	997	1217	301	332	459	381	377	307	191	178	260	111	283	205	274	345	465	215	930							
	(Uncertified	24	14	1	..	4	5	1	3	1	..	4	5	2	1	4	1	1							
Enteric Fever		14	4	4	4	2	..	1	2	1	1	2	1	..	1	2	3	13							
Small Pox							
Measles		37	9	16	10	2	6	1	4	..	5	5	6	1	1	2	3	..	3	..	4							
Scarlet Fever		5	..	1	3	1	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	2	1
Whooping Cough		54	18	19	15	2	..	..	..	..	3	1	13	4	4	3	2	2	..	..	..	..	..	1	13	1
Diphtheria and Croup		58	7	3	28	19	1	..	..	..	6	7	4	..	5	8	..	4	5	..	2	1	4	3	4	6					
Influenza		42	..	2	..	..	3	8	10	19	4	2	4	2	2	2	..	1	2	3	2	5	1	5	6	1						
Erysipelas		10	2	..	..	..	1	2	3	2	1	1	..	..	2	2	..	..	..	1	1	1	1	..	..	5
Phthisis (Pulmonary Tuberculosis)		367	..	3	3	20	59	191	84	7	14	24	33	12	45	26	25	12	17	11	34	14	24	20	42	79								
Tuberculous Meningitis		43	6	7	13	14	2	1	..	..	..	3	6	2	2	2	1	..	3	1	..	2	5	7	8	8					
Other Tuberculous Diseases ..		74	14	10	6	19	5	13	7	..	4	4	16	..	8	3	4	3	3	1	..	1	5	6	9	2								
Cancer, malignant disease		277	1	..	1	..	3	30	149	93	7	17	16	12	19	22	12	19	20	4	19	11	24	31	21	84								
Rheumatic Fever		8	..	..	..	2	6	..	..	..	..	1	3	..	1	..	..	..	1	..	..	..	..	1	1	2
Meningitis		49	19	7	13	8	2	..	..	..	4	1	6	2	7	4	..	1	3	1	..	2	3	1	7	3					
Organic Heart Disease		402	..	..	..	9	12	48	171	162	20	26	34	20	27	25	20	21	30	13	27	24	21	40	38	14					
Bronchitis		468	76	17	15	2	3	26	131	198	37	36	28	13	45	38	29	17	29	20	27	27	30	36	33	84								
Pneumonia (all forms)		434	112	79	53	34	11	45	66	34	35	38	40	18	29	39	14	10	12	6	28	17	23	44	60	79								
Other diseases of																																		
Respiratory organs		65	12	7	8	3	3	7	12	13	4	8	5	2	4	2	4	3	5	2	5	3	6	6	5	1								
Diarrhoea and Enteritis		282	202	47	6	5	1	3	9	9	33	20	60	6	34	14	5	3	4	2	13	7	18	19	39	5								
Appendicitis and Typhlitis ..		14	..	..	..	2	5	6	1	..	..	..	1	1	2	..	..	1	2	..	1	2	1	..	2	1
Cirrhosis of Liver		17	..	..	..	..	..	3	12	2	..	..	1	1	1	..	..	1	1	..	1	2	1	..	2	1
Alcoholism		6	..	..	..	..	..	3	3	..	1	..	..	..	..	..	..	1	1	1	2	1	4	2	1	3
Nephritis and Bright's Disease		84	..	1	1	4	6	14	28	30	6	7	9	2	4	4	3	4	6	3	8	3	5	8	10	2								
Puerperal Fever		14	..	..	..	2	12	..	..	..	1	2	..	1	..	2	..	2	2	..	1	..	..	..	2	3
Other accidents and diseases of																																		
Pregnancy and Parturition		26	..	..	..	4	21	1	..	..	2	1	3	..	..	1	..	2	3	..	2	1	1	1	6	3	
Congenital Debility and																																		
Malformation, including																																		
Premature Birth		303	282	14	3	1	2	..	..	..	34	26	39	10	25	14	7	6	24	6	14	12	13	21	32	20					
Violent Deaths, excluding																																		
Suicide		172	8	9	10	24	12	39	51	19	16	18	26	4	17	7	8	2	2	10	17	7	16	9	9	4								
Suicides		18	..	..	..	..	5	13	..	..	2	..	1	1	..	1	1	1	2	..	..	1	3	1	4	6
Paralysis and Diseases of Brain		323	..	..	..	7	7	29	138	142	19	19	31	16	28	29	11	20	30	5	20	16	13	21	23	82					
Old Age		448	..	..	..	..	..	13	435	19	34	45	21	34	24	19	23	33	16	36	19	29	33	41	22	109			
Other Defined Diseases		380	99	16	12	24	26	49	97	57	23	34	31	14	29	33	22	18	24	5	18	20	18	28	44	19								
Diseases ill-defined or unknown		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTALS		4494	867	258	200	206	179	561	1001	1222	302	335	460	165	381	312	193	179	264	112	284	205	275	345	467	215	930							
SUB-ENTRIES—																																		
included in above figures																																		
Cerebro-Spinal Meningitis	1	2	..	1	1	1	2	1							

INFANT MORTALITY.

NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES
UNDER ONE YEAR OF AGE.

CAUSES OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 4 Weeks.	4 Weeks and under 3 Months.	3 Months and under 6 Months.	6 Months and under 9 Months.	9 Months and under 12 Months.	Total Deaths under One Year.
All Causes.	Certified...	152	16	44	27	269	154	184	151	95	859
	Uncertified	...	1	1	1	3	4	1	2	1	14
<hr/>											
Small Pox ... ..		...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..		...	...	...	...	...	...	...	...	...	...
Measles ... ..		...	...	...	...	...	2	1	2	4	9
Scarlet Fever ... ..		...	...	...	...	...	...	...	...	...	...
Whooping Cough ... ..		...	...	...	...	...	3	1	9	2	18
Diphtheria and Croup ... ..		...	...	...	...	...	...	...	4	3	7
Erysipelas ... ..		...	...	...	...	...	...	1	1	...	2
Tuberculous Meningitis ... ..		...	...	...	...	...	...	3	2	1	6
Abdominal Tuberculosis ... ..		...	...	...	...	...	...	1	1	1	3
Other Tuberculous Diseases ... ..		...	1	...	...	1	1	6	1	2	11
Meningitis (<i>not Tuberculous</i>) ... ..		...	...	...	...	...	3	6	5	5	19
Convulsions		7	4	2	1	14	11	5	1	2	39
Laryngitis ... ..		...	...	...	...	...	...	...	...	...	...
Bronchitis ... ..		...	1	2	...	3	15	19	23	16	76
Pneumonia (all forms) ... ..		...	3	3	...	6	32	28	29	17	112
Diarrhoea ... ..		...	2	1	1	10	19	52	33	36	150
Enteritis ... ..		...	...	2	3	5	9	20	13	5	52
Gastritis ... ..		...	...	...	2	2	1	4	4	1	12
Syphilis ... ..		...	1	...	1	2	2	1	...	...	5
Rickets		1	...	...	...	1	...	...	...	...	2
Suffocation, overlying		2	1	...	1	4	1	2	2	...	12
Injury at Birth		3	...	2	...	5	...	...	...	...	5
Atelectasis		20	2	4	1	27	...	...	...	...	27
Congenital Malformations		8	2	6	1	17	2	2	1	...	22
Premature Birth		76	13	7	6	102	9	1	...	...	112
Atrophy, Debility and Marasmus		29	11	10	6	56	34	21	9	2	122
Other Causes		6	6	3	2	17	8	8	10	1	41
<hr/>											
Totals...		152	17	15	28	222	158	185	153	99	867

Nett Births in the year	legitimate	6,899
	illegitimate	331
Nett Deaths in the year of	legitimate infants	792
	illegitimate infants	75

VITAL STATISTICS OF WHOLE DISTRICT DURING 1915 AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.		
		Un-corrected Number.	Nett.		Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.
			Number.	Rate.					Number.	Rate per 1000 Net Births.	
1910	275,228	.....	.....	.....	4237	15.1	63	79	1085	135	4253 15.5
1911	278,984	7919	7955	28.5	4611	16.5	71	118	1252	157	4658 16.6
1912	282,988	7828	7834	27.7	4049	14.3	55	90	795	101	4084 14.4
1913	287,032	7907	7904	27.5	4266	14.8	71	107	1025	131	4230 14.7
1914	291,118	7896	7902	27.1	4357	14.9	71	80	960	121	4366 15.0
1915	291,118	7232	7250	24.8	4498	16.7	107	103	867	120	4494 16.7

Area of district in acres
(land and inland water).. } 9359.

Total population at all ages..... 277991 (at Census 1911.)*

TOTAL DEATHS IN AGE PERIODS IN THE RESPECTIVE MUNICIPAL WARDS.

9

WARDS	All Ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upward.
Drypool ...	302	86	26	15	14	8	49	15	59
Alexandra ...	335	67	19	23	13	21	43	66	83
Southcoates ...	460	122	37	27	27	24	48	68	107
Beverly ...	165	24	4	7	5	5	18	44	58
East Central...	381	93	31	21	19	14	39	80	84
West Central	312	44	24	14	19	11	39	77	84
Paragon ...	193	23	10	8	4	5	28	62	53
Park ...	179	13	6	2	9	8	27	46	68
Newland ...	264	44	2	7	10	11	35	53	102
Whitefriars ...	112	15	4	4	5	1	6	41	36
Myton ...	284	40	15	12	7	7	36	69	98
Botanic ...	205	29	10	8	5	6	22	66	59
Albert ...	275	46	16	12	13	12	33	75	68
Colman ...	345	69	19	9	18	16	43	89	82
South Newington ...	467	117	29	26	30	21	62	74	108
North Newington ...	215	35	6	5	8	9	33	46	73
Totals ...	4494	867	258	200	206	179	561	1001	1222

The following table shews the general death-rate and death-rates per 1000 from the seven principal Zymotic diseases in Hull for the years 1896 to 1915 :—

Year.	Birth-rate per 1000.	Death-rate per 1000.	Seven Zymotic Diseases.	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhoea.
1896	31·7	18·6	3·20	—	1·15	0·24	0·17	0·47	0·27	0·86
1897	33·1	18·1	2·96	—	0·09	0·27	0·08	0·25	0·23	2·00
1898	33·4	18·0	2·63	—	0·34	0·11	0·04	0·29	0·24	1·58
1899	33·8	18·8	3·38	0·61	0·47	0·17	0·09	0·56	0·18	1·26
1900	32·7	19·2	3·02	0·07	0·54	0·17	0·06	0·28	0·20	1·69
1901	33·1	18·3	3·02	—	0·48	0·06	0·15	0·38	0·22	1·70
1902	31·8	16·8	2·19	—	0·76	0·07	0·34	0·42	0·18	0·41
1903	31·2	16·6	2·22	0·02	0·47	0·03	0·30	0·09	0·07	1·24
1904	30·9	18·3	3·46	0·01	0·70	0·05	0·24	0·24	0·14	2·07
1905	30·0	16·1	2·35	0·01	0·08	0·10	0·28	0·47	0·08	1·31
1906	30·0	17·1	2·80	0·01	0·23	0·03	0·51	0·26	0·18	1·54
1907	29·1	16·2	1·89	0·00	0·66	0·05	0·24	0·37	0·06	0·49
1908	30·5	16·5	2·40	—	0·34	0·01	0·17	0·20	0·08	1·59
1909	29·6	15·1	1·38	0·00	0·28	0·04	0·22	0·18	0·04	0·60
1910	29·1	15·5	1·93	0·00	0·26	0·05	0·16	0·24	0·11	1·10
1911	28·5	16·6	3·20	—	0·34	0·04	0·07	0·33	0·24	2·20
1912	27·7	14·4	1·08	—	0·52	0·00	0·07	0·09	0·11	0·32
1913	27·5	14·7	1·75	—	0·04	0·00	0·12	0·26	0·14	1·17
1914	27·1	15·0	1·71	—	0·32	0·02	0·16	0·16	0·14	0·91
1915	24·8	16·7	1·68	—	0·13	0·02	0·21	0·20	0·05	1·0

NOTE.—In this table 0·00 indicates that the deaths were too few to give a rate of 0·005 ; when no deaths occurred — is inserted.

CASES OF INFECTIOUS DISEASE NOTIFIED.

DISEASE.	NUMBER OF CASES NOTIFIED.										TOTAL CASES NOTIFIED IN EACH LOCALITY.														
	At all ages.	At Ages—Years.						65 and upwards.	Drypool.	Alexandra.	Southcoates.	Beverley.	East Central.	West Central.	Newland.	Park.	Paragon.	Whitehairs.	Myton.	Botanic.	Albert.	Cullman.	N. Newington.	S. Newington.	Total Cases removed to Hospital.
		Under 1.	1 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.																		
Small Pox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera (C) Plague (P) ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria including Membranous croup ..	669	121	418	66	45	7	1	30	46	45	39	29	109	100	40	19	2	24	33	32	31	41	49	479	—
Erysipelas ..	187	7	16	16	57	60	26	14	27	19	13	14	8	4	5	4	3	11	15	6	18	6	20	—	—
Scarlet Fever ..	398	103	397	66	25	4	—	25	70	54	73	21	36	65	17	16	4	20	20	25	44	48	60	436	—
Typhus Fever ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever ..	94	2	21	14	34	16	7	10	5	6	18	3	2	1	—	4	3	2	2	—	—	4	19	9	51
Relapsing Fever (R) ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Continued Fever (C) ..	1c	—	—	—	1c	—	—	2	3	2	3	—	1	3	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever ..	19	—	1	4	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—
Meningitis ..	7	2	2	2	1	—	—	—	1	2	1	—	1	—	—	—	—	—	—	—	—	—	—	—	6
Poliomyelitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Neonatorum ..	80	—	—	—	—	—	—	5	8	13	3	4	4	2	—	4	1	1	1	3	7	7	1	17	—
Pulmonary ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis ..	455	15	70	77	206	79	7	30	31	52	22	33	21	24	17	30	14	38	21	27	34	14	47	94	—
Other Forms of ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis ..	151	33	72	21	4	6	—	10	11	15	2	8	9	7	5	8	1	13	2	9	20	3	22	1	—
Measles ..	1225	549	529	47	27	1	—	84	162	178	61	71	65	90	37	61	1	47	57	66	49	50	146	22	—
Totals ..	3486	837	1526	313	414	173	41	210	365	386	235	183	256	296	123	146	29	157	165	172	207	182	375	1080	—

Hospitals.

The following tables shew the number of patients admitted into the two Infectious Diseases Hospitals, and the diseases from which they were suffering :—

CITY HOSPITAL, HEDON ROAD.

DISEASES.	AGE AND SEX OF PATIENTS.															Total.				
	Under 1 year.		1 to 5.		5 to 15.		15 to 25.		25 to 35.		35 to 45.		45 to 55.		Above 55 years.	Males.	Females.	Total Admissions.	Deaths.	
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.									
City Cases.																				
Scarlatina—																				
Admissions ..	1	1	30	69	111	131	14	26	7	8	4	..	..	2	..	..	167	237	404	..
Deaths	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Diphtheria—																				
Admissions ..	3	2	66	71	77	115	7	28	3	14	..	5	..	1	..	1	156	237	393	..
Deaths ..	2	3	16	13	..	5	..	..	..	..	..	..	..	..	..	..	18	21	..	39
Typhoid Fever—																				
Admissions	1	7	7	8	8	4	4	2	2	3	2	1	..	25	24	49	..
Deaths	1	2	1	..	..	1	..	1	..	..	..	4	2	..	6
Tuberculosis—																				
Admissions	1	..	25	..	37	..	20	..	13	..	..	..	95	..	95	..
Deaths	3	..	3	..	3	..	1	..	..	..	10	..	..	10
Isolation—																				
Admissions	2	1	..	1	..	..	..	..	..	..	2	2	4	..
Deaths
Cases from outside Authorities.																				
Scarlatina—																				
Admissions	1	1	1	1	3	..	1	..	2	..	..	..	..	..	..	2	8	10	..
Deaths
Diphtheria—																				
Admissions	3	1	5	3	..	1	..	..	..	..	..	..	..	..	8	5	13	..
Deaths	1	2	..	2	..	..	..	..	..	..	..	..	..	..	1	4	..	5
Port Sanitary Authority.																				
Typhoid Fever—																				
Admissions	4	..	1	..	..	..	1	..	..	..	6	..	6	..
Deaths	1	..	1	..	..	..	..	..	..	..	2	..	..	2
Malarial Fever—																				
Admissions	1	..	..	..	..	..	..	..	..	..	1	..	1	..
Deaths
Isolation—																				
Admissions	2	..	..	..	..	..	..	..	..	..	2	..	2	..
Deaths
Military Cases.																				
Diphtheria—																				
Admissions	27	..	5	..	2	..	..	..	..	..	34	..	34	..
Deaths
Scarlatina—																				
Admissions	21	..	2	..	1	..	..	..	..	..	24	..	24	..
Deaths	1	..	..	..	..	..	..	..	..	..	1	..	..	1
Measles—																				
Admissions	11	..	2	..	..	..	..	..	..	..	13	..	13	..
Deaths
Typhoid Fever—																				
Admissions	1	..	..	..	1	..	..	..	..	..	2	..	2	..
Deaths
Isolation—																				
Admissions	10	..	1	..	..	..	..	..	..	..	11	..	11	..
Deaths
																	448 513 1061 61			

EVAN FRASER HOSPITAL, SUTTON.

AGE AND SEX OF PATIENTS.																	Total.			
DISEASES.	Under 1 year.		1 to 5.		5 to 15.		15 to 25.		25 to 35.		35 to 45.		45 to 55.		Above 55 years.		Males.	Females.	Total Admissions.	Deaths.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
Admissions.																				
Diphtheria—																				
Admissions				1				22		1		1					1	24	25	..
Deaths				1														1		1
Cerebro-Spinal																				
Meningitis—																				
Admissions				2						1							2	1	3	..
Deaths				1						1							1	1	..	2
Scarlatina—																				
Admission								6		1							7		7	..
Deaths
Isolation—																				..
Admissions								1										1	1	..
Deaths
Port Sanitary Authority.																				
Chicken Pox—																				
Admissions								9		2							11		11	..
Deaths
Isolation—																				..
Admissions								1									1		1	..
Deaths
Military Cases.																				
Cerebro - Spinal																				
Meningitis—																				
Admissions								4									4		4	..
Deaths								1									1		..	1
Measles—																				..
Admissions								4		4		1					9		9	..
Deaths
Isolation—																				..
Admissions								8		6	1						15		15	..
Deaths								1		1							2		..	2
Chicken Pox—																				..
Admissions										1							1		1	..
Deaths
Convalescent Cases Transferred from City Hospital.																				
Scarlatina—																				
Admissions				13	16	85	120	..	5	..	2						98	163	241	..
Deaths
Diphtheria—																				..
Admissions				19	20	61	105	2	8								82	136	218	..
Deaths
																	231	325	536	6

Five hundred and ninety-eight cases of Scarlatina were notified to the authority, of which number 404 (or 67·5 per cent.) were removed to hospital. Only one death occurred in hospital.

Six hundred and sixty-nine persons were notified as suffering from Diphtheria. Of this number 393 (or 58·7 per cent.) were removed to hospital, 39 proving fatal.

Ninety-four cases of Typhoid Fever were notified, of which number 49 (or 53·2 per cent.) were removed to hospital, 6 proving fatal.

Of the ninety-five cases of Tuberculosis treated in hospital, 10 (or 10·5 per cent.) died.

NOTE.—These percentages do not include port cases or cases admitted from outlying districts.

EVAN FRASER HOSPITAL.

Only seventy-seven cases (see table) were admitted direct into this hospital. Owing, however, to the limited accommodation at the City Hospital, Hedon Road, due to a portion of the Institution being set apart temporarily for the treatment of tuberculosis patients, 241 Scarlatina and 218 Diphtheria convalescent patients were transferred to the Evan Fraser Hospital.

TUBERCULOSIS.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

SUMMARY OF NOTIFICATIONS.

Number of Notifications from Private Medical Practitioners.															Number of Notifications from School Medical Officers.				Number of Notifications from Medical Officers of Poor Law Institution and Sanatoria.				
Primary Notifications.															Total Notifications (i.e., including cases previously notified by other doctors).		Primary Notifications.			Total Notifications (i.e., including cases previously notified by other doctors).		Poor Law Institutions.	
0 1 5 10 15 20 25 33 45 55 65 and upwards.															Total.		Under 5. 5. 10. 15.			Total.		Poor Law Institutions.	
Pulmonary—Males	..	1	10	8	13	14	16	69	59	38	21	6	255	280	—	4	2	6	6	84	7		
Do. Females	..	—	5	30	19	20	27	46	32	15	5	1	200	236	—	2	—	2	2	18	12		
Non-Pulmonary—Males	..	4	24	24	15	9	2	4	—	—	3	—	85	97	—	—	2	2	5	1	—		
Do. Females	..	6	14	17	16	7	3	—	—	3	—	—	66	69	—	2	—	2	2	—	—		
Total	..	11	53	79	63	50	48	119	91	56	29	7	606	682	—	8	4	12	15	103	19		

Tuberculosis Dispensaries.

Seven hundred and fifty-four patients have applied at the Tuberculosis Dispensaries for treatment or examination, of whom 286 were contacts. The results of the examination of contacts showed them to fall within the following classification :—

Definitely Tubercular	..	..	..	..	33
Probably Tubercular	..	..	..	..	72
Suspected Tuberculosis	..	..	..	..	36
Non-Tubercular	..	..	..	..	123
Suffering from disease other than Tuberculosis	..				5
Tuberculosis of organs other than Lungs	..				17

NURSES' VISITS.

The total number of visits paid by the Nurses was 2,952.

RE-EXAMINATIONS.

The total number of patients re-examined was 640.

SPUTUM.

267 specimens of sputum were sent to the City Analyst to be examined. Of these 106 were positive for the tubercle bacilli, and 161 were negative. Of the total number 66 were re-examinations.

ATTENDANCES AT THE DISPENSARIES.

The following table shows the attendance at the Dispensaries during the various months :—

	Attendances at Dispensaries.	Contacts examined.	Visits paid by Dr. Cohen & Dr. Haslam.	Visits paid by Nurses.
January	.. 663	36	7	228
February	.. 718	25	17	234
March	.. 870	39	13	230
April	.. 664	25	2	210
May	.. 668	11	4	226
June	.. 600	22	5	269
July	.. 593	34	5	252
August	.. 521	11	3	189

	Attendances at Dispensaries.	Contacts examined.	Visits paid by Dr. Cohen & Dr. Hashim	Visits paid by Nurses.
September ..	579	26	3	254
October ..	583	14	0	207
November ..	690	16	5	300
December ..	595	27	5	353
	<hr/> 7744	<hr/> 286	<hr/> 69	<hr/> 2952

SANATORIUM TREATMENT.

CITY HOSPITAL.

In Hospital on December 31st, 1914	20
Do. do. 1915	23
Admitted during 1915	95
Discharged do.	92

IMMEDIATE RESULTS OF SANATORIUM TREATMENT.

Disease Arrested	8
Much Improved	30
Improved	33
Slightly improved	—
In statu quo	8
Worse	3
Died	10

CASES IN OTHER SANATORIA.

	Men.	Women.	Total.
No. of persons admitted during 1915 ..	4	41	45
Do. discharged do. ..	3	36	39
Condition on discharge :—			
Arrested	1	4	
Much Improved	1	8	
Improved	1	17	
Worse	—	2	
In statu quo	—	5	
Died	—	—	

TUBERCULIN TREATMENT.

There were during the year 593 people placed on injections. Of those who had a prolonged course during 1915, the results were as follows :—

Disease Arrested	..	..	..	..	5
Much Improved	..	..	..	..	17
Improved	..	..	..	..	11
In statu quo	..	..	..	..	11

The majority are still continuing on injections.

GENERAL TREATMENT.

308 patients were placed on general medicinal treatment during the year.

Food Inspection.

The Food Inspection in the City is carried out by Mr. James McPhail, M.R.C.V.S., &c., Chief Food Inspector, with six assistants, whose duties include the inspection of Cattle and Fish Markets, Meat, Fish, Fruit, Cowsheds (and cows therein), Dairies, and of all Retail Shops where food is sold. Part of the Inspectors' time is also employed, by arrangement with the Corporation (under the auspices of the Hull and Goole Port Sanitary Authority), in the carrying out of the Unsound Food and Foreign Meat Regulations.

SUMMARY OF SEIZURES.

						lbs.
Beef	..	..	..	..	..	60186
Mutton	..	..	..	..	..	6115
Pork	..	..	..	..	..	15097
Veal	..	..	..	..	..	5074
Offal	..	..	..	..	..	49832
Fruit	..	..	..	..	..	275375
Fish, Game, &c.	..	..	..	..	..	232783
Total	..	..	..	..	..	644462 lbs.

equalling 287 tons 14 cwt. 0 qrs. 14 lbs.

Included in this total is the weight of 453 carcasses, seized for various diseases and conditions, 210 of such carcasses being seized for tuberculosis.

Bacteriology.

In addition to ordinary routine examinations, 130 special examinations were made, with :—

Negative Results	..	..	..	..	130
Positive Results	..	..	..	..	0
Total	..	..	..	..	130

Total number of visits paid to various premises, markets, &c., 12,851.

Cowsheds and Dairies.

Number of Cowsheds in the City	..	..	81
Do. do. in occupation	..	..	76
Do. Cowkeepers	..	..	78
Do. Cows kept in the City	..	..	981

In addition to work carried out by mutual arrangement, 14 letters were sent with regard to repairs, structural alterations, abatement of nuisances and contraventions of the Dairies, Cowsheds and Milk Shops Order, and 62 verbal cautions *re* dirty premises, overcrowding, &c., were given.

Fruit and Vegetable Pests.

Various Orders such as the American Gooseberry Mildew Order and the Wart Disease of Potatoes Order, &c., have been carried out by the Officers of this Department; 2 prosecutions have taken place in Hull under the American Gooseberry Mildew Order, and the defendants were fined for consigning diseased fruit to Hull; pamphlets relating to the Orders have been distributed to persons interested, and reports of cases dealt with have been furnished to the Board of Agriculture and Fisheries.

Tuberculosis Order, 1914.

The carrying out of this Order was undertaken by the officers of this Department, and the animals coming within the scope thereof, were dealt with. Reports were furnished to the Committee concerned, up to the suspension of the Order at the outbreak of war: the suspension is still in force.

Veterinary Inspection.

One thousand nine hundred and six visits have been paid to the stables of the Health, Highways and Fire Brigade Departments and the Willerby Asylum Farm, and 269 cases have received treatment.

Seventeen cases of alleged cruelty have been visited on behalf of the Police and evidence has been given at the Police Court.

Cases have also been similarly dealt with on behalf of the R.S.P.C.A.

Fifty-one weekly inspections were made at the Corporation Fat Stock Market, for the purpose of the Public Health and Diseases of Animals Acts.

Six cases have been dealt with under the Contagious Diseases Act, in conjunction with the Inspector of the Local Authority.

Visits and examinations have also been made with a view to the purchase of horses for the Corporation Departments and Willerby Asylum.

Housing of the Working Classes Act, 1890, Housing, Town Planning, etc., Act, 1909, and Housing (Inspection of District) Regulations.

The following is a brief summary of the work done under the above Acts and Regulations.

Forty-two dwelling-houses were represented to the City Council as unfit for human habitation. Twenty-four Closing Orders were made, and eighteen dwelling-houses are to be demolished by their owners without the making of Closing Orders by the Authority. Nine Orders were served upon occupying tenants of dwelling-houses, requiring them to give up possession of such houses. Twenty-eight Orders for the demolition of dwelling-houses were made; ten were demolished, four by the owners, and six by the Corporation, in default of the owners having failed to do so.

Housing (Inspection of District) Regulations.

Six hundred and one dwelling-houses were inspected regarding their fitness for human habitation. Three hundred and thirty-eight were found to require sanitary alteration or amendment, chiefly defects in drainage, spouting, pavements, general dilapidations of structure, absence of ventilation under ground floors, dampness of walls, &c. Many of the defects have been remedied, some are in progress, and others are delayed owing to the exigencies of the times.

Midwives Act, 1902.

In accordance with Section 10 of the Midwives Act, 1902, fifty-one midwives notified their intention of practising within the district. Twenty-two of this number were hospital trained midwives, and twenty-nine bona fide midwives. Three hundred and ninety-three notifications of "medical help," two hundred and twenty-seven notifications of "still-birth," and nineteen notifications *re* "death of infants," (in all cases due to natural causes,) were received.

One thousand and forty-four visits of inspection and investigation were made in connection with the above Act.

Puerperal Fever.

Nineteen cases of Puerperal Fever were investigated. Eight were operative deliveries. In all cases of Puerperal Fever occurring in the practice of a midwife quarantine is imposed until the C.M.B. rules have been complied with.

Puerperal Fever Cases Classified.					No.	Per cent.
Cases attended by Medical Practitioners	..	..	..	..	7	36·8
.. Trained Midwives	..	..	..	..	2	10·5
.. Bona-fide Midwives	..	..	..	..	8	42·1
Doubtful Diagnosis	..	..	..	..	2	10·5
Total					19	—

Ophthalmia Neonatorum.

Eighty cases of Ophthalmia Neonatorum have been notified—thirty-nine by Medical Practitioners, and forty-one by Midwives—one case resulting in permanent blindness of the left eye.

Notification of Births Act, 1907.

No. of births notified under Act	..	..	..	6172
.. attended by Medical Practitioners	..	..	..	2562 or 41·5%.
.. attended by Midwives	..	..	..	3610 or 58·5%.
.. of first visits to infants	..	..	..	5084
.. of re-visits to infants	..	..	..	2158

Maternity and Child Welfare.

This matter received the earnest consideration of the Health Committee, who met representatives of Hospitals and other bodies interested in the subject. The following scheme, after receiving the approval of the Local

Government Board, came into operation on the 1st December, 1915 : —

1. Midwives to continue to be supervised by the present Midwives Inspector.

2. District Clinics have been established at the West Hull Creche and the School for Mothers, Dausom Lane, at which Clinics expectant mothers obtain medical advice, babies may be brought for treatment and mothers are given advice as to the rearing of their babies.

3. The visiting of the homes at which births have been notified under the Notification of Births Act, 1907, is continued by seven Health Visitors, each holding a Certificate of Hospital training or the C. M. B. Certificate. The Health Visitors visit expectant mothers at their homes and carry out such instructions relative to such visits as are given them by the Medical Officer having charge of the Clinics.

4. At each of the Clinics lectures are given at stated periods on the rearing of children and the hygiene of the home.

5. Complicated cases of pregnancy are treated in the Maternity Home, 569, Holderness Road (transferred to the Corporation by Mrs. Edwin Robson). The Maternity Home is also used for the confinement of sick women, including women having contracted Pelvis or suffering from any other condition involving danger to the mother or infant. The admission to the Maternity Home is on the certificate of the Medical Officer at the Clinic or any private medical practitioner.

6. The Council are responsible for the cost of treatment in the Hospital of complications arising after parturition whether in the mother or in the infant, and arrangements have been made for admission and treatment in the Hospital; in the case of the mother, with the Governing Body of the Hull Royal Infirmary or the Orthopaedic Hospital for Women, Wright Street, and in the case of the child, with the Governing Body of the Children's Hospital.

7. Records are kept of all the babies brought to the Clinics, and, as far as possible, the Health Visitors keep in touch with the infants and record at the Clinics their observations on the condition of the infants: such records are so kept that they may be handed to the Local Education Authority as and when the child may be admitted into a Public Elementary School.

8. In view of the shortage of medical officers, a part-time Lady Medical Officer has been appointed for each of the two Clinic Districts at a salary of £105 per annum to attend at the Clinic and give advice to mothers and infants.

9. A part-time Lady Medical Officer has been appointed to attend to the cases at the Maternity Home at a fee for ordinary cases of £1 1s. per case, with extras for complicated cases. For the administration of an anæsthetic a fee of £1 1s. is paid to the person administering it.

10. In cases where the Clinic Medical Officer of the District has reason to believe that owing to poverty the expectant mothers will not have skilled and prompt attendance during confinement at home, he is authorised to make such arrangements for the attendance of a midwife or such medical assistance as the case may require. Where a midwife finds it necessary to call to her aid a Medical Practitioner she may, where practicable, call in the nearest Medical Practitioner to the case as early as possible, and the following in such cases are the scale of fees payable to the Medical Practitioner, namely:—

For attendance at cases requiring or necessitating operative assistance and subsequent necessary visits during the first ten days	£ s d
	2 2 0
For attendance at cases when operative assistance and subsequent necessary visits during the first ten days are not required	1 1 0

11. Steps have been taken to secure the co-operation of the Committee of the West Hull Creeche and the present School for Mothers, Danson Lane, and the Midwives Association.

Tuberculosis Regulations.

Consumptive patients not under dispensary treatment are visited by the women inspectors, the number of investigations during the year being 613. Verbal and printed instructions against the spread of infection were freely distributed and sputum flasks supplied.

Miscellaneous Work.

This includes 41 cases of Whooping Cough, 231 cases of Diarrhoea (including adult cases), 5 cases Cerebro-Spinal Fever, 64 cases of "neglected" children, 3,483 non-classified visits, and 10 visits of inspection to the Women's Lodging House. The total number of notifications dealt with and visits paid during the year equalled 13,755.

SALE OF FOOD AND DRUGS ACT.

Samples taken under the above Acts and submitted to the
Public Analyst.

DESCRIPTION OF SAMPLE.	No. of Samples.	Samples Taken.						No action taken	Vendors cautioned by letter.	Prosecutions
		Officially.	Internally.	By Agent.	In course of Delivery.	Confined.	Adulterated.			
Aerated Waters	1	...	1	1	...	1	...	...	...	...
Alc	3	...	3	...	...	3	...	...	...	...
Baking Powder	3	...	3	1	...	3	...	...	...	...
Brandy	12	...	12	2	...	12	...	...	...	...
Bread	12	...	12	...	...	12	...	...	...	...
Butter	37	6	31	16	...	37	...	...	...	...
Cheese	5	...	5	4	...	5	...	...	...	...
Cinnamon, Ground	2	...	2	2	...	2	...	...	...	...
Coffee	8	...	8	3	...	8	1	1	...	...
Cream	28	26	12	12	...	28	...	...	...	...
Cream of Tartar,										
Purified	3	...	3	3	...	3	...	...	...	...
Dessicated Soup	2	...	2	2	...	2	...	...	...	...
Egg Powder	4	...	4	4	...	4	...	...	...	...
Fish Paste	12	...	12	12	...	12	...	...	...	...
Flour	12	...	12	12	...	12	...	...	...	...
Fruit Wine	4	...	4	4	...	4	...	...	...	...
Gin	5	12	3	...	...	5	...	...	...	...
Ginger, Ground	12	...	12	12	...	12	...	...	...	...
Honey	12	...	12	12	...	12	...	...	...	...
Ice Cream	1	1	...	...	...	1	...	...	...	...
Jams	13	...	13	4	...	13	...	...	...	...
Lard	17	2	15	9	...	17	...	...	...	...
Laudanum	3	1	2	...	...	1	2	2	...	...
Lemon Curd	3	...	3	3	...	3	...	...	...	...
Lime Juice Cordial	1	1	...	...	...	1	...	...	...	...
Linseed, Crushed	2	...	2	...	...	2	...	...	...	...
Liquorice Powder										
Compound	2	...	2	...	...	2	...	...	...	...
Magnesia, Calcined	3	...	3	3	...	3	1	1	...	...
Do, Citrate	3	...	3	3	...	3	...	...	...	...
Marinade	3	...	3	3	...	3	...	...	...	...
Meat, Extract of	2	...	2	2	...	2	...	...	...	...
Mercury Ointment	2	...	2	2	...	2	2	2	...	...
Milk	235	230	5	...	33	185	50	15	18	17
Do, Condensed	6	...	6	6	...	6	...	...	...	...
Do, Powder	6	...	6	6	6	...	6	...	...	...
Do, Separated	1	1	...	...	...	1	...	...	...	...
Mustard	2	...	2	2	...	2	...	...	...	...
Pepper	12	...	12	12	...	12	...	...	...	...
Potted Meat	4	...	4	4	...	4	...	...	...	...
Port Wine	1	...	1	...	...	1	...	...	...	...
Preserved Fruits	12	...	12	12	12	12	2	...	...	...
Preserved Peas	12	...	12	12	...	12	...	...	...	...
Rice	12	...	12	12	...	12	...	...	...	...
Rum	4	...	4	2	...	4	...	...	...	...
Seidlitz Powders	2	...	2	...	...	2	...	...	...	...
Senna Leaves	2	...	2	...	...	2	...	...	...	...
Suet	1	...	1	...	...	1	...	...	...	...
Soda Water	1	...	1	1	...	1	...	...	...	...
Sugar	1	...	1	...	...	1	...	...	...	...
Sulphur, Flowers of	2	...	2	2	...	2	...	...	...	...
Vinegar	1	1	...	1	...	1	...	...	...	...
Whisky	6	2	4	4	...	4	2	1	...	...
Yucca	2	...	2	2	...	2	...	...	...	...
Zinc Ointment	2	...	2	1	...	2	...	...	...	...
Totals	459	273	186	122	41	395	66	22	18	17

Factories and Workshops Acts, Shops Acts, and Employment of Children Act.

TOTAL INSPECTIONS.		WORK ACCOMPLISHED UNDER THE SHOPS ACT, 1912.	
Workshops	.. .. 1723	Shops on Register	.. 6888
Factories	.. .. 23		
Laundries	.. .. 11	Notice not exhibited	.. 837
Bakehouses	.. .. 245	Assistants' half-holiday	
Re-Inspections, &c.	.. 975	not allowed	.. .. 22
Outworkers' Lists		Meal Times not allowed	19
examined	.. .. 356	Open after Closing Hour	27
Steam Whistles	.. 1	Mixed Shops open after	
Theatres, Shops, &c.		Closing Hour, Act not	
(E. C. A.)	179	complied with	.. 187
Fire Escapes	.. .. 40	Seats required	.. .. 3
Shops	.. .. 8766	Seats provided on request	1
Plans Examined	.. 79	Prosecutions :	
	————	No. of Cases	.. 29
Grand Total	.. 12398	Convictions	.. .. 28
	————	Withdrawn	.. .. 1

PROSECUTIONS INSTITUTED UNDER THE SHOPS, &C., ACTS.

Shops Act	.. .. 24	.. 24 convictions. Total
		Fines £11 6s.
Employment of Children	5	4 convictions, 1 withdrawn.
		Total fines £5 0s. 6d.

TOTAL FAULTS REMEDIED.

Unregistered Workshops	68	Closing of Shops	.. 214
Sanitary	.. .. 182	Shop Seats	.. .. 3
Fire Escapes	.. .. 7	Steam Whistles	.. 1
Shop Notices	.. .. 837	Employment of Children	40
Hours of Employment			
and Meal Times	.. 19		
		Total	.. 1371

Fertilisers and Feeding Stuffs Act, 1906.

Three samples taken informally under the above Act and submitted to the Agricultural Analyst for analysis. One was certified to be "genuine" and two "satisfactory."

Public Mortuary.

No. of bodies admitted (198 Males and 132 Females)	..	320
No. of post-mortem examinations	.. .. .	259
No. of Inquests held	.. .. .	311

Disinfecting Station.

Year.	No. of persons bathed.	No. of articles disinfected.	No. of books disinfected.	No. of premises disinfected.
1915	3795	46730	1105	2687
1914	3493	38213	605	3628
1913	2826	24084	357	1624

Attendances at Public Baths.

Year.	Beverley Road.	Madeley Street.	East Hull.	Newington (Open Air).
1913	136344	128949	95244	11958
1914	150950	134737	150950	16154
1915	136985	200779	98030	13192

Refuse Collection.

No. of loads dry-dust collected	.. .. .	32518
No. of loads nightsoil collected	.. .. .	25055
No. of loads refuse destroyed at destructors.	.. .. .	30695